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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/452,811	12/02/1999	MASAYUKI CHATANI	991202	1782

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MARTINE & PENILLA, LLP
710 LAKEWAY DRIVE
SUITE 170
SUNNYVALE, CA 94085

EXAMINER

DINH, DUNG C

ART UNIT	PAPER NUMBER
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2153

DATE MAILED: 12/23/2003

12

Please find below and/or attached an Office communication concerning this application or proceeding.

2

Office Action Summary

Application N .

09/452,811

Applicant(s)

CHATANI, MASAYUKI

Examiner

Dung Dinh

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 September 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-41 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-41 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

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DETAILED ACTION

Response to Arguments

Applicant's arguments filed 9/29/03 have been fully considered but they are not persuasive.

Regarding the terms "primary content" and "auxilliary content", these are merely relative descriptive terms. What type of content is considered to be primary or auxilliary is a relative point of view.

As per the trigger data, the claim broadly recite information is downloaded into client console to trigger execution of specific items based on comparsion with the trigger data. A disc with multimedia content read on this limiation, (Collart's disc is one). Collart's disc contains various media elements. The disc inherently has information logically associated with the media elements (e.g an index, allocation table, etc.) in order for the playback system to identify what and where each media elements are on the disc to playback - this corresponds to the 'trigger data' as claimed. The server and user and send back data specify the media element to be played. Hence, the client device inherently does a comparasion to 'trigger' data on the media to retrieve the correct media element to playback [see col.22 line 40 to col.23 line 34].

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This also meet the plural trigger data headers limitation of the amended claim 20,

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-8, 20-21, 22-23, 25 are rejected under 35 U.S.C. 102(e) as being anticipated by Collart US patent 6,453,420.

As per claim 1, Collart teaches a system for providing access to primary media content in digital form, comprising:

a server network [fig.2] comprising a download management server, database storing user information and primary media content [fig.2 #232, #234, #236];

a client console connectable through a bi-directional communication network to download management server [fig.2], the

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console generating a user identifier (by reading the BCA information);

a detachable storage media [220] installable in the client console, the detachable storage media having data structure thereon comprising auxiliary media content and associated trigger data items [inherent from col.22 lines 41-60], and user identifier [BCA data];

wherein the user identifier is upload to the server to enable access to specified content and user information is downloaded to the client console to trigger execution of specific auxiliary media content items [col.15 lines 10-35, col.19 lines 1-9].

As per claims 2 and 4, Collart teaches the user identifier comprises media ID indentifying the storage media and authentication code [col.15 lines 10-35, col.19 lines 1-9].

As per claims 3 and 5, Collart teaches using the user identifier to limit access to specified primary content [col.15 lines 30-35, col.23 lines 36-40].

As per claims 6-7, Collart teaches providing a program for providing network access and code to causes execution of program stored on the client console for providing network access [col.14 lines 25-59].

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As per claim 8, Collart teaches the client has local fixed storage device [apparent from col. 26 lines 1-25 in order to store the update and application information].

As per claims 20 and 22, they are rejected under similar rationale as for claim 1 above. Inherently the disc contains plural triggers (eg. content index, storage location on the disc, etc.).

As per claims 21 and 23, Collart teaches providing a program for providing network access and code to causes execution of program stored on the client console for providing network access [col.14 lines 25-59].

As per claim 25, Collart teaches storing a record of the viewing and uploading to the server [col.24 lines 7-9].

Claims 27-28, 40-41 are rejected under 35 U.S.C. 102(e) as being anticipated by Hoffberg et al. US patent 6,400,996.

As per claim 27, Hoffberg teaches a system for assessing a fee for auxiliary content comprising:

a server [service provider];

auxiliary content provider [advertiser]; and

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a client node [user] connectable with the server through a communication network for executing playback of auxiliary content stored on a detachable storage media [col.63 lines 41-42], creating record indicating playback of the auxiliary content, and uploading the record to the server [col.63 lines 12-18],

wherein a fee to the auxiliary content provider is assessed based on the playback record [col.60 lines 10-15].

As per claim 28, it is rejected under similar rationale as for claim 27 above.

As per claim 40, Hoffberg teaches a server network [service provider] for assessing a fee for auxiliary content [commercials] of auxiliary content provider [advertiser], comprising: a download manager server [col.63 line 25 subscription television system], a customer database and content database [inherent in order to keep track of subscriber and providing content],

wherein the sever receives record indicating playback of the auxiliary content item from a client console and accumulate the playback record to assess a fee to the auxiliary content provider [apparent from col. 60 lines 10-17, col.62 lines 50-68, col. 63 lines 12-24, col.64 lines 39-43].

As per claim 41, Hoffberg teaches the playback record is used to update the customer database [col.64 lines 30-43].

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Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. § 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 26 is rejected under 35 U.S.C. 103(a) as being unpatentable over Collart US patent 6,453,420.

As per claim 26, Uranaka does not specifically disclose the console being a personal digital assistant (PDA). The type of device for playing the media would clearly have been a matter of design choice. It would have been obvious for one of ordinary skill in the art to use a PDA because it would have enabled the user to be mobile and to have computing functionality while using the media.

Claims 9-19, 24, 29-39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Collart US patent 6,453,420 and further in view of Hoffberg et al. US patent 6,400,996.

As per claim 9, Collart teaches a method comprising the steps of:

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establishing communication to download management server
[col.14 lines 10-13];

transmitting user identifier contained on the local storage
media and a request for primary media content to the server
[col.14 lines 51-59];

downloading from the server to the client console primary
media content and user information [col.20 line 60 to col. 21
lines 6];

accessing auxiliary content on the detachable storage on
the basis of the returned user information and overriding
playback for enabling viewing of the primary media [col.23
lines 55 to col.24 9];

storing a record of the viewing and uploading to the server
[col.24 lines 7-9].

Collart does not teach selectively overriding playback of
the auxiliary content. Hoffberg teaches a method of providing
auxiliary content on detachable media [col.63 lines 40-44] that
enables the user to selectively playback the auxiliary content
[col.64 lines 35-42] to earn subsidy for viewing of primary
content [col.60 lines 10-15]. Hence it would have been obvious
for one of ordinary skill in the art to combine the teaching of
Hoffberg with Collart because it would have enabled the user to

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control his option of viewing the auxiliary content for subsidy benefit [see Hoffberg col.60 lines 10-15].

As per claim 13, it is rejected under similar rationale as for claim 9 above. Collart teaches determining whether connection to the network is required for the operation of the client console [apparent from col.14 lines 5-39: case 2 & 3].

As per claim 24, Collart does not specifically disclose enabling the user to decide whether or not to view the auxiliary content item. The obviousness rationale is as stated for claim 9 above.

As per claims 29+32, 33, they are rejected under similar rationale as for claim 9 above. Hoffberg teaches assessing fee to auxiliary content provider (advertiser) based on playback records accumulated by the server [see col.60 lines 10-24].

As per claims 10 and 30, Collart teaches having media identifier and authentication code [col.19 lines 1-3]. Collart teaches using the identifier and code to restrict access to primary content [col.23 lines 35-40].

As per claims 11 and 31, it is apparent that a comparison step is done in order trigger a particular content on the detachable media.

As per claim 12, Hoffberg teaches storeing primary content on local storage [col.59 lines 10-15].

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As per claims 14-15, and 34-35, Hoffberg discloses monitoring the user "veto" viewing of auxiliary content [col.64 lines 40-43]. It is apparent that the system as modified would have the step of polling to determine if the user overrides the playback of auxiliary content and to update viewing record accordingly. It would have been obvious for one of ordinary skill in the art to do so because it would have enabled the system to keep accurate record of the user's viewing.

As per claims 16-18, and 35-38, the timing of the upload of the viewing record would clearly have been a matter of design choice. It would have been obvious for one of ordinary skill in the art to upload the viewing record at various times as the situation required.

As per claims 19 and 39, Collart teaches prompting the user for user information and to associate with the user with the media identifier [col.20 lines 59-60].

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS

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of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dung Dinh whose telephone number is (703) 305-9655. The examiner can normally be reached on Monday-Thursday from 7:00 AM - 4:30 PM. The examiner can also be reached on alternate Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenton Burgess can be reached at (703) 305-4792.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Any response to this final action should be mailed to:

Box AF

Commissioner of Patents and Trademarks
Washington, DC 20231

or faxed to:

(703) 746-7238, (for formal communications; please mark "EXPEDITED PROCEDURE")

(703) 746-7240 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

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Hand-delivered responses should be brought to Crystal Park II,
2121 Crystal Drive, Arlington. VA, Fourth Floor (Receptionist).

A handwritten signature in black ink, appearing to read 'Dung Dinh', with a long, sweeping horizontal stroke extending to the right.

Dung Dinh
Primary Examiner
December 14, 2003